

Title (en)

MACHINE, ESPECIALLY AN ELECTRIC DRILLING MACHINE

Publication

EP 0082028 B1 19860723 (FR)

Application

EP 82401853 A 19821008

Priority

FR 8123386 A 19811215

Abstract (en)

[origin: US4536688A] The machine comprises an electric driving motor, a speed reducer having at least two mechanical ratios coupled to the output shaft of the motor, a device for changing the mechanical ratio and a speed variator of the electric motor. The machine further comprises devices (7, 35, 36, 41) for selecting and displaying the speeds of rotation of the electric motor coupled to the device for changing the mechanical ratio.

IPC 1-7

B23B 45/00; B24B 23/00; B23Q 1/00; B25B 21/00; G09F 9/00

IPC 8 full level

B23B 45/02 (2006.01); **B23B 45/00** (2006.01); **B23Q 1/00** (2006.01); **B23Q 15/08** (2006.01); **B24B 23/00** (2006.01); **B25B 21/00** (2006.01);
G09F 9/00 (2006.01)

CPC (source: EP US)

B23B 45/001 (2013.01 - EP US); **B23Q 1/0009** (2013.01 - EP US); **B23Q 1/0045** (2013.01 - EP US); **B23Q 15/08** (2013.01 - EP US);
B24B 23/00 (2013.01 - EP US); **B25B 21/00** (2013.01 - EP US); **B25F 5/02** (2013.01 - EP US); **G09F 9/00** (2013.01 - EP US);
G05B 2219/37093 (2013.01 - EP US); **G05B 2219/41358** (2013.01 - EP US); **Y10S 388/909** (2013.01 - EP US); **Y10S 388/937** (2013.01 - EP US);
Y10T 74/19679 (2015.01 - EP US)

Cited by

EP0167445A1; FR2566565A1; GB2257313A; GB2257313B; EP0255433A1; FR2602169A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0082028 A1 19830622; EP 0082028 B1 19860723; AT E20840 T1 19860815; DE 3272169 D1 19860828; FR 2517999 A1 19830617;
FR 2517999 B1 19850621; JP S58109213 A 19830629; US 4536688 A 19850820

DOCDB simple family (application)

EP 82401853 A 19821008; AT 82401853 T 19821008; DE 3272169 T 19821008; FR 8123386 A 19811215; JP 21912182 A 19821214;
US 69491885 A 19850128